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FORM PTO-1449 (REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 21212C
APPLICATION NO. 10/079,035
APPLICANT Ryals et al.
FILING DATE FEBRUARY 19, 2002
Confirmation No. 7909
Group 1638

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
ARK	AA	5,986,082	11/16/99	Uknes et al.	800	279	12/12/97
	AB	5,614,395	3/25/97	Ryals et al.	435	6	1/13/94
	AC	6,031,153	2/29/00	Ryals et al.	800	279	12/23/97
ARK	AD	6,091,004	7/18/00	Ryals et al.	800	301	6/20/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
ARK	AC	0 534 858	3/31/93	EPO	—	—	☐	☐
	AD	WO 95/19443	7/20/95	PCT	—	—	☒	☐
ARK	AE	WO 94/16077	7/24/94	PCT	—	—	☒	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

ARK	AF	Alexander et al., *Increased tolerance to two oomycete pathogens in transgenic tobacco expressing pathogenesis-related protein 1a* *Proceedings of the National Academy of Sciences*, Vol. 90, (1993) pp. 7327-7331
	AG	Bell et al., *Assignment of 30 Microsatellite Loci to the Linkage Map of Arabidopsis* *Genomics*, Vol. 19, (1994) pp. 137-144
	AH	Bhat, K.S., *Generation of a plasmid vector for deletion cloning by rapid multiple site-directed mutagenesis* *Gene*, Vol. 134, (1993) pp. 83-87
	AI	Bi et al., *Hydrogen peroxide does not function downstream of salicylic acid in the induction of PR protein expression* *The Plant Journal*, Vol. 8(2), (1995) 235-245
	AJ	Bouchez et al., *A new YAC library for genome mapping in Arabidopsis* Abstract, 6th International Conference on Arabidopsis Research (1995)
	AK	Bowie J.U. et al., *Deciphering the Message in Protein Sequences: Tolerance to Amino Substitutions* *Science*, Vol. 247 (1990) pp. 1306-1310
ARK	AL	Bowling et al., *A Mutation in Arabidopsis That Leads to Constitutive Expression of Systemic Acquired Resistance* *The Plant Cell*, Vol. 6 (1994) pp. 1845-1857

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	AM	Broun et al., *Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids* *Science*, Vol. 282 (1998) pp. 1315-1317
	AN	Büschges et al., *The Barley Mlo Gene: A Novel Control Element of Plant Pathogen Resistance* *Cell*, Vol. 88 (1997) pp. 695-704
	AO	Cameron et al., *Biologically induced systemic acquired resistance in Arabidopsis thaliana* *The Plant Journal*, Vol. 5(5) (1994) pp. 715-725
	AP	Cao et al., *Characterization of an Arabidopsis Mutant That Is Nonresponsive to Inducers of Systemic Acquired Resistance* *The Plant Cell*, Vol. 6 (1994) pp. 1583-1592
	AQ	Cao et al., *The Arabidopsis NPR1 Gene that Controls Systemic Acquired Resistance Encodes a Novel Protein Containing Ankyrin Repeats* *Cell*, Vol. 88, (1997) pp. 57-63
	AR	Cao et al., Genbank Accession No. U76707, *The Arabidopsis NPR1 gene that controls systemic acquired resistance encodes a novel protein containing ankyrin repeats* *Cell*, Vol. 88(1), (1997) pp. 57-63
	AS	Century et al., NDR1, a locus of Arabidopsis thaliana that is required for disease resistance to both a bacterial and a fungal protein *Proceedings of the National Academy of Science*, Vol. 92, (1995) pp. 6597-6601
	AT	Creusot et al., *The CIC library: a large insert YAC library for genome mapping in Arabidopsis thaliana* *The Plant Journal*, Vol. 8(5) (1995) pp. 763-770
	AU	Delaney et al., *A Central Role of Salicylic Acid in Plant Disease Resistance* *Science*, Vol. 266 (1994) pp. 1247-1250
	AV	Delaney et al., Arabidopsis signal transduction mutants defective in chemically and biologically induced disease resistance, Abstract, 6th International Meeting on Arabidopsis Research, (1995)
	AW	Delaney et al., *Arabidopsis signal transduction mutant defective in chemically and biologically induced disease resistance* *Proceedings of the National Academy of Science USA*, Vol. 92 (1995), pp. 6602-6606
	AX	Delaney, T.P., *Genetic Dissection of Acquired Resistance to Disease* *Plant Physiology*, Vol. 113 (1997) pp. 1-12
	AY	Dietrich et al., Arabidopsis Mutants Simulating Disease Resistance Response *Cell*, Vol. 77 (1994) pp. 565-577
	AZ	Elledge et al., *λYES: Amultifunctional cDNA expression vector for the isolation of genes by complementation of yeast and Escherichia coli mutations* *Proceedings of the National Academy of Sciences, USA*, Vol. 88 (1991) pp. 1731-1735
	BA	Friedrich et al., *A benzothiadiazole derivative induces systemic acquired resistance in tobacco* *The Plant Journal*, Vol. 10 (1996) pp. 61-70

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BB	Gaffney et al., *Requirement of Salicylic Acid for the Induction of Systemic Acquired Resistance* *Science*, Vol. 261 (1993) pp. 754-756
BC	Gatz C., *Chemical Control of Gene Expression* *Annual Review Plant Physiology and Plant Molecular Biology*, Vol. 48 (1997) pp. 89-108
BD	Glazebrook et al., *Isolation of Arabidopsis Mutants With Enhanced Disease Susceptibility by Direct Screening* *Genetics*, Vol. 143 (1996) pp. 973-982
BE	Görlach et al., *Benzothiadiazole, a Novel Class of Inducers of Systemic Acquired Resistance, Activates Gene Expression and Disease Resistance in Wheat* *The Plant Cell*, Vol. 8 (1996) pp. 629-643
BF	Greenberg et al., *Programmed Cell Death in Plants: A Pathogen-Triggered Response Activated Coordinately with Multiple Defense Functions* *Cell*, Vol. 77 (1994) pp. 551-563
BG	Hebsgaard et al., *Splice site prediction in Arabidopsis thaliana pre-mRNA by combining local and global sequence information* *Nucleic Acids Research*, Vol. 24 (1996) pp. 3439-3452
BH	Hill, M.A., and Preiss, J. *Functional Analysis of Conserved Histidines in ADP-Glucose Pyrophosphorylase from Escherichia coli* *Biochemistry Biophysics and Research Communications*, Vol. 244 (1998) pp. 573-577
BI	Hunt et al., Systemic Acquired Resistance Signal Transduction *Critical Reviews in Plant Sciences*, Vol. 15 (1996) pp. 583-606
BJ	Hunt et al., *Recent Advances in Systemic Acquired Resistance Research – A Review* *Gene*, Vol. 179 (1996) pp. 89-95
BK	Kessmann et al., *Induction of Systemic Acquired Disease Resistance in Plants by Chemicals* *Annual Review Phytopathology*, Vol. 32 (1994) 439-459
BL	Lawton et al., "The Molecular Biology of Systemic Acquired Resistance", *Mechanisms of Plant Defense Responses*", B. Fritig and M. Legrand (eds.) Kluwer Academic Publishers (Netherlands) 422-432 (1993)
BM	Lawton et al., *Systemic Acquired Resistance in Arabidopsis Requires Salicylic Acid but Not Ethylene* *Molecular Plant-Microbe Interactions*, Vol. 8 (1995) pp. 863-870
BN	Lawton et al., *Benzothiadiazole induces disease resistance in Arabidopsis by activation of the systemic acquired resistance signal transduction pathway* *The Plant Journal*, Vol. 10 (1996) pp. 71-82
BO	Lazar, E. et al., *Transforming Growth Factor a: Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities* *Molecular and Cellular Biology*, Vol. 8 (1988), pp. 1247-1252

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AMC	BP	Lister et al., *Recombinant inbred lines for mapping RFLP and phenotypic markers in Arabidopsis thaliana* *The Plant Journal*, Vol. 4 (1993) pp. 745-750
	BQ	Liu et al., Generation of a high-quality P1 library of *Arabidopsis* suitable for chromosome walking *The Plant Journal*, Vol. 7 (1995) pp. 351-358
	BR	Maher et al., *Increased disease susceptibility of transgenic tobacco plants with suppressed levels of preformed phenylpropanoid products* *Proceedings of the National Academy of Sciences, USA*, Vol. 91 (1994) pp. 7802-7806
	BS	Mauch-Mani et al., *Systemic Acquired Resistance in Arabidopsis thaliana Induced by a Predisposing Infection with a Pathogenic Isolate of Fusarium oxysporum* *Molecular Plant-Microbe Interactions*, Vol. 7 (1994) pp. 378-383
	BT	Mauch-Mani et al., *Production of Salicylic Acid Precursors Is a Major Function of Phenylalanine Ammonia-Lyase in the Resistance of Arabidopsis to Peronospora parasitica* *The Plant Cell*, Vol. 8 (1996) pp. 203-212
	BU	Métraux et al., *Increase in Salicylic Acid at the Onset of Systemic Acquired Resistance in Cucumber* *Science*, Vol. 250 (1990) pp. 1004-1006
	BV	Mindrinos et al., *The A. thaliana Disease Resistance Gene RPS2 Encodes a Protein Containing a Nucleotide-Binding Site and Leucine-Rich Repeats* *Cell*, Vol. 78 (1994) pp. 1089-1099
	BW	Newman et al., Genbank Accession No. T22612, *Genes galore: a summary of methods for accessing results from large-scale partial sequencing of anonymous Arabidopsis cDNA clones* *Plant Physiology*, Vol. 106 (1994) pp. 1241-1255
	BX	Pallas et al., *Tobacco plants epigenetically suppressed in phenylalanine ammonia-lyase expression do not develop systemic acquired resistance in response to infection by tobacco mosaic virus* *The Plant Journal*, Vol. 10 (1996) pp. 281-293
	BY	Parker et al., *Characterization of eds1, a Mutation in Arabidopsis Suppressing Resistance to Peronospora parasitica Specified by Several Different RPP Genes* *The Plant Cell*, Vol. 8 (1996) pp. 2033-2046
	BZ	Payne et al., *Isolation of the genomic clone for pathogenesis-related protein 1a from Nicotiana tabacum cv. Xanthi-nc* *Plant Molecular Biology*, Vol. 11 (1988) pp. 89-94
	CA	Rothstein et al., *Promoter cassettes, antibiotic-resistance genes, and vectors for plant transformation* *Gene*, Vol. 53, (1987) pp. 153-161.
AMC	CB	Ryals et al., *Signal transduction in systemic acquired resistance* *Proceedings of the National Academy of Sciences USA*, Vol. 92 (1995) pp. 4202-4205

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ANK	CC	Ryals, J.A. et al., *Systemic Acquired Resistance* *The Plant Cell*, Vol. 8 (1996) pp. 1809-1819
ANK	CD	Ryals, J. et al., *The Arabidopsis NIM1 Protein Shows Homology to the Mammalian Transcription Factor Inhibitor IkB* *The Plant Cell*, Vol. 9 (1997) pp. 425-439
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ANK	CF	Shulaev, et al., *Is Salicylic Acid a Translocated Signal of Systemic Acquired Resistance in Tobacco?* *The Plant Cell*, Vol. 7 (1995) pp. 1691-1701
	CG	Simoens et al., *Isolation of genes expressed in specific tissues of Arabidopsis thaliana by differential screening of a genomic library* *Gene*, Vol. 67 (1988) pp. 1-11
	CH	Uknes et al., *Acquired Resistance in Arabidopsis* *The Plant Cell*, Vol. 4 (1992) pp. 645-656
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	CJ	Uknes et al., *Biological Induction of Systemic Acquired Resistance in Arabidopsis* *Molecular Plant-Microbe Interactions*, Vol. 6 (1993) pp. 692-698
	CK	Uknes et al., *Reduction of risk for growers: methods for the development of disease-resistant crops* *New Phytology*, Vol. 133 (1996) pp. 3-10
	CL	Vernooij et al., *Salicylic Acid Is Not the Translocated Signal Responsible for Inducing Systemic Acquired Resistance but Is Required in Signal Transduction* *The Plant Cell*, Vol. 6 (1994) pp. 959-965
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	CN	Verwoerd et al., *A small-scale procedure for the rapid isolation of plant RNAs* *Nucleic Acids Research*, Vol. 17 (1989) pp. 2362
	CO	Vos et al., *AFLP: a new technique for DNA fingerprinting* *Nucleic Acids Research*, Vol. 23 (1995) 4407-4414
	CP	Ward et al., *Coordinate Gene Activity in Response to Agents That Induce Systemic Acquired Resistance* *The Plant Cell*, Vol. 3 (1991) pp. 1085-1094
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